Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038656.D
Acq On : 21 Mar 2022 18:56
Operator : SY/AP
Sample : VL0321ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0321ABL01

Quant Time: Mar 22 03:48:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	937696	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2359581	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2020121	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1568118	10.12	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%				
Target Compounds							Qvalue
9) Propene	3.03	41	4048	0.08	ppbv		88
20) Methylene Chloride	4.34	84	1803	0.05	ppbv	#	79
39) 1,2-Dichloropropane	7.17	63	558935	7.85	ppbv	#	28

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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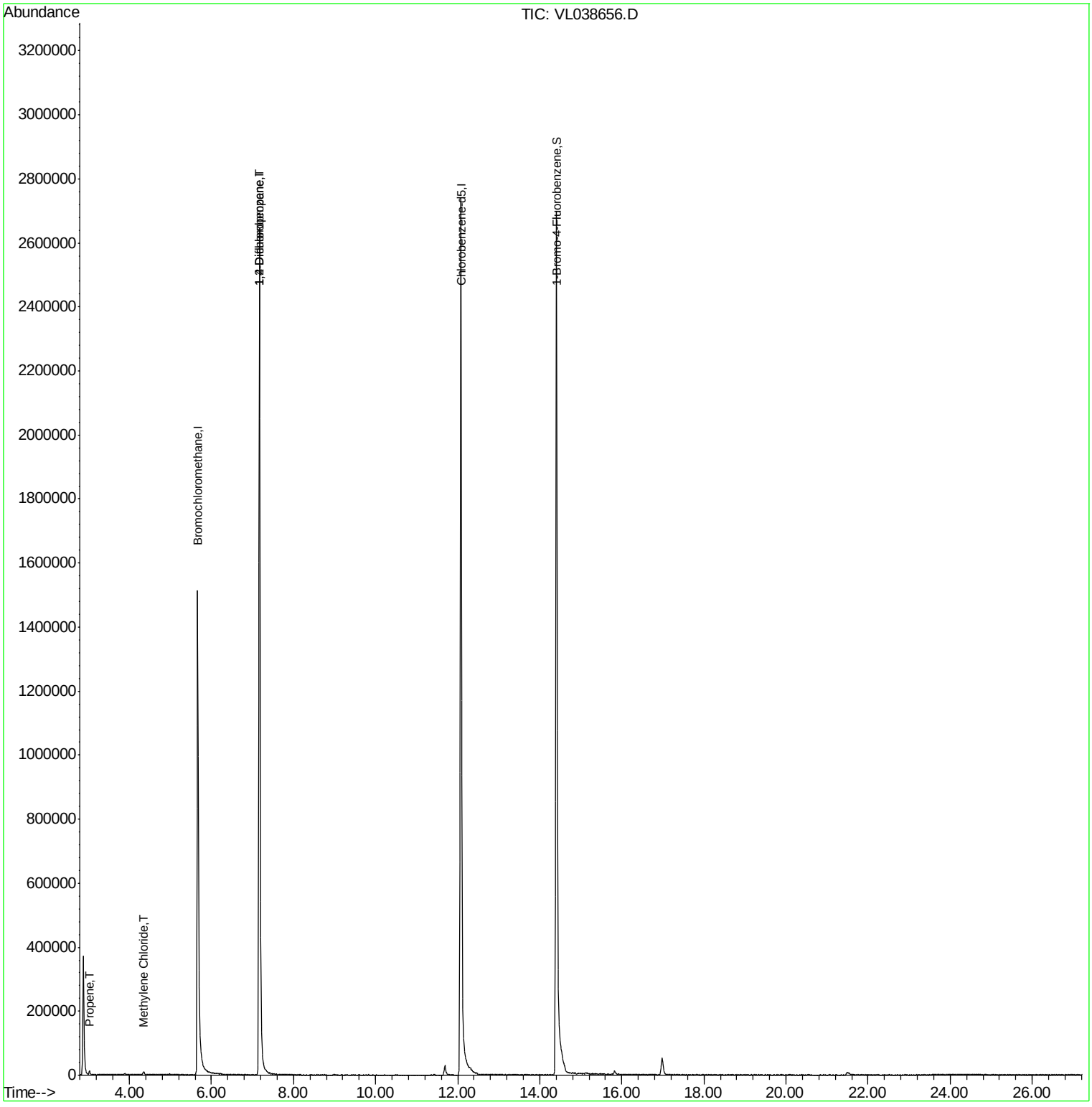
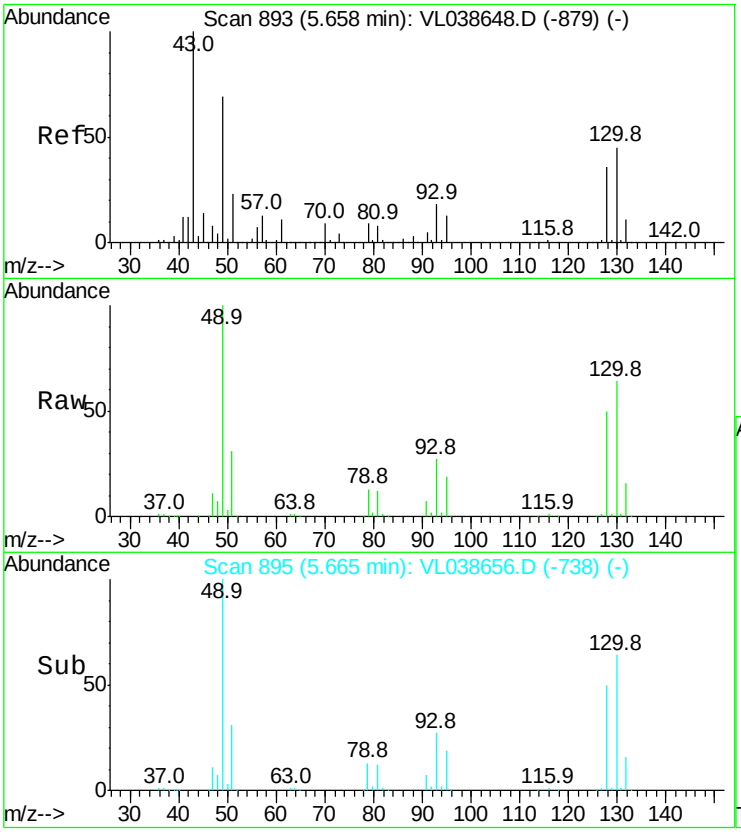


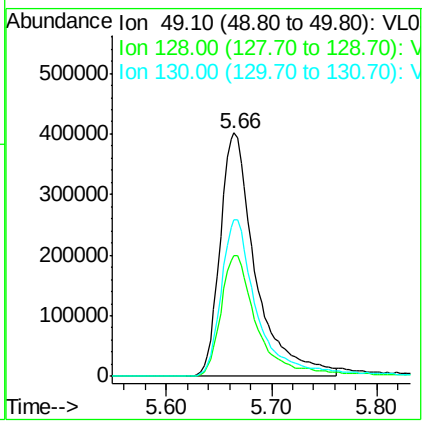


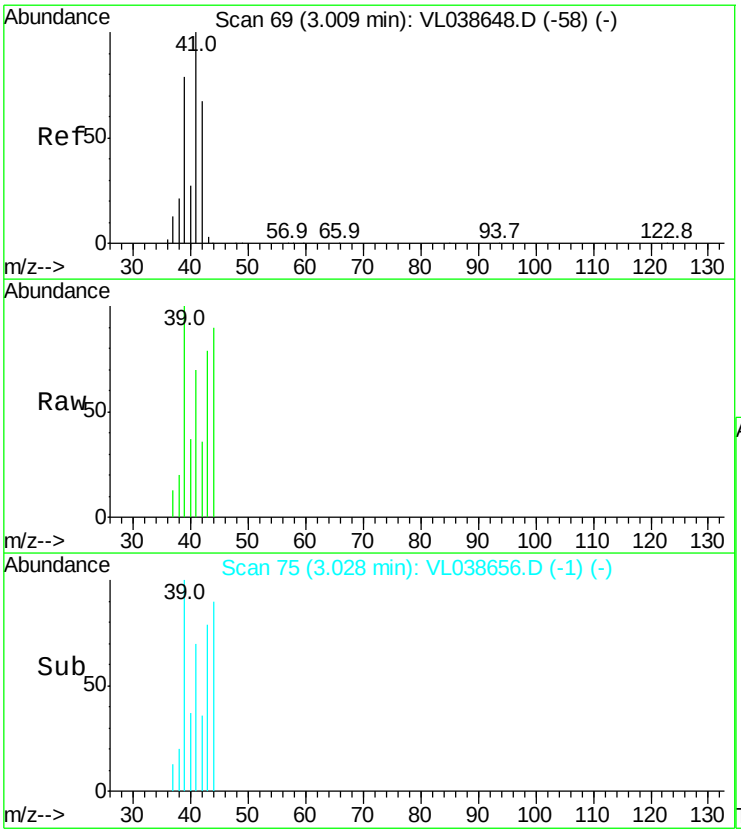
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 21 Mar 2022 18:56

Instrument :
MSVOA_L
ClientSampleId :
VL0321ABL01

Tgt Ion: 49 Resp: 937696

Ion	Ratio	Lower	Upper
49	100		
128	52.8	26.2	78.6
130	67.4	33.7	101.1

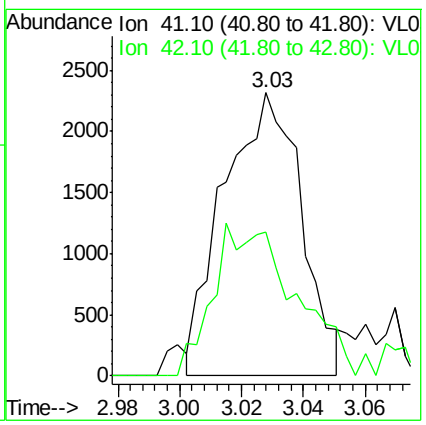


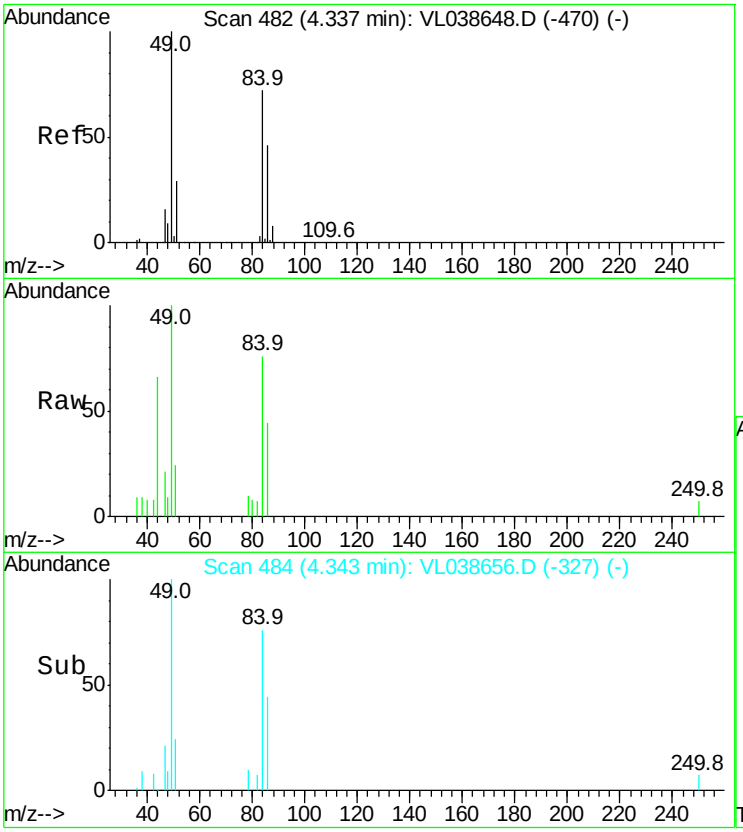


#9
Propene
Concen: 0.08 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.02 min
Lab File: VL038656.D
Acq: 21 Mar 2022 18:56

Tgt Ion: 41 Resp: 4048

Ion	Ratio	Lower	Upper
41	100		
42	60.1	56.2	84.4



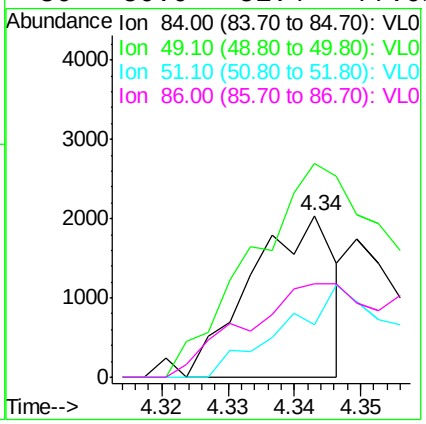


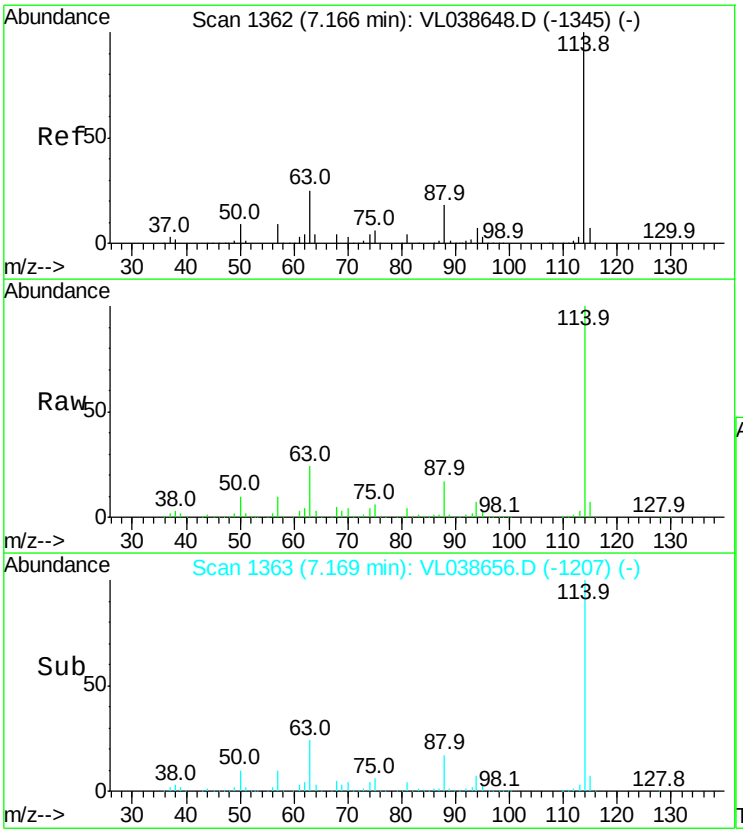
#20
Methylene Chloride
Concen: 0.05 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 21 Mar 2022 18:56

Instrument :
MSVOA_L
ClientSampleId :
VL0321ABL01

Tgt Ion: 84 Resp: 1803

Ion	Ratio	Lower	Upper
84	100		
49	110.5	111.2	166.8#
51	32.3	32.8	49.2#
86	50.0	51.4	77.0#

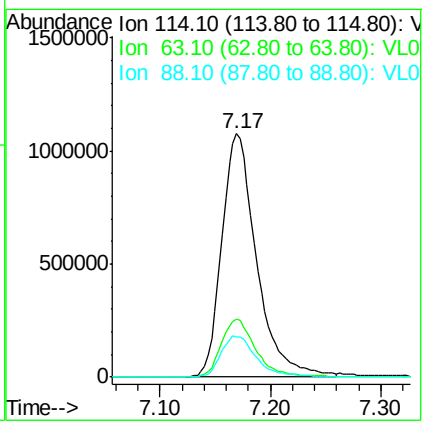


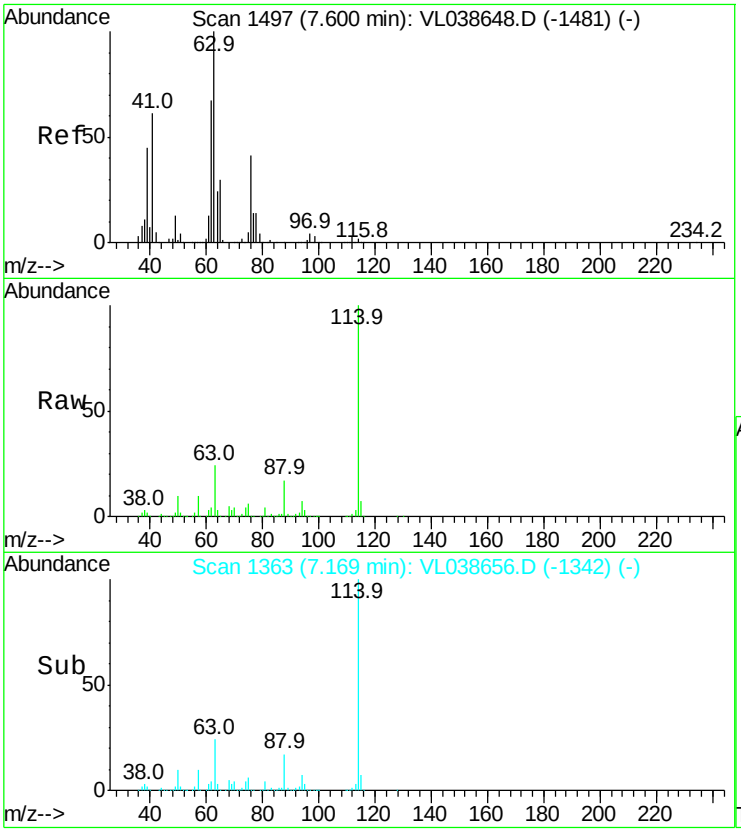


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VL038656.D
Acq: 21 Mar 2022 18:56

Tgt Ion:114 Resp: 2359581

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	17.5	13.9	20.9



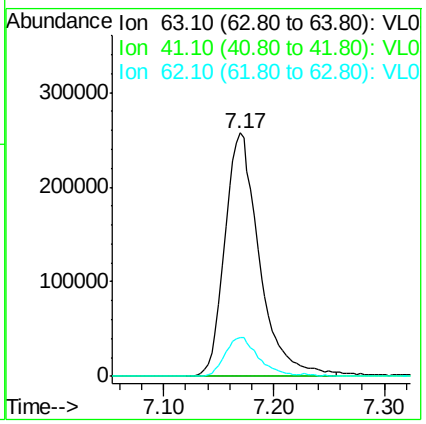


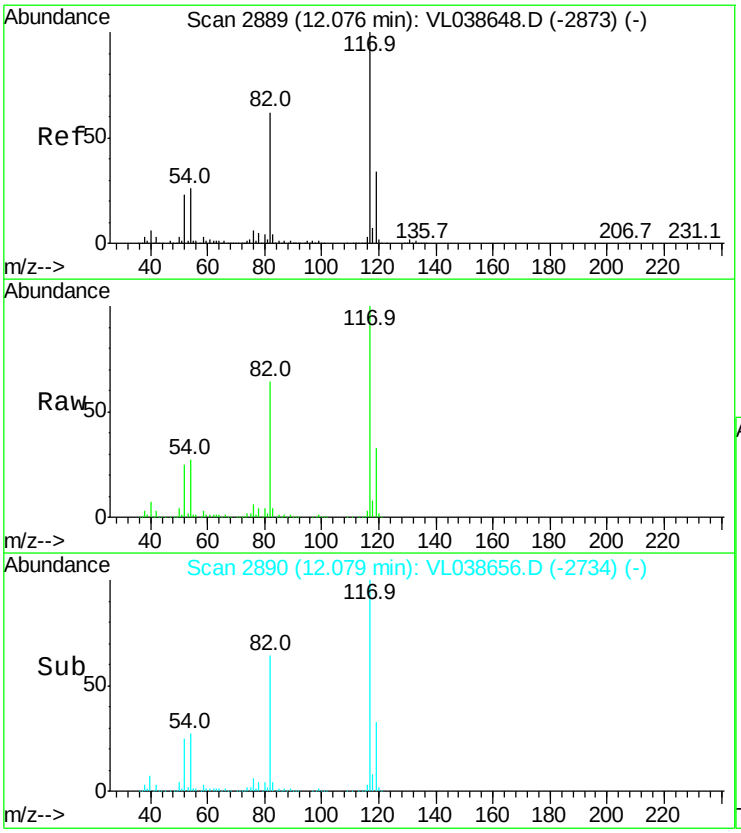
#39
1,2-Dichloropropane
Concen: 7.85 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 21 Mar 2022 18:56

Instrument :
MSVOA_L
ClientSampleId :
VL0321ABL01

Tgt Ion: 63 Resp: 558935

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.0	73.6#
62	15.8	53.9	80.9#

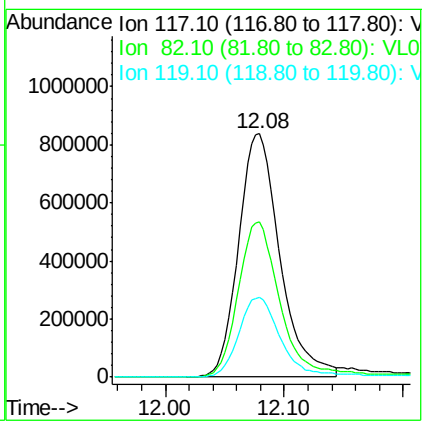


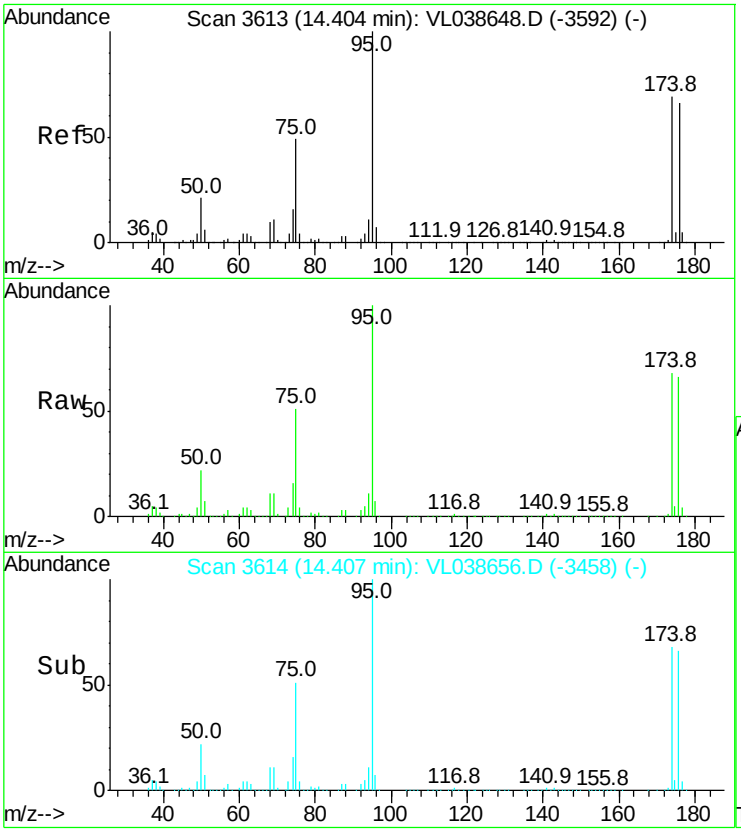


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VL038656.D
Acq: 21 Mar 2022 18:56

Tgt Ion:117 Resp: 2020121

Ion	Ratio	Lower	Upper
117	100		
82	68.1	51.6	77.4
119	34.8	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 21 Mar 2022 18:36

Instrument :
MSVOA_L
ClientSampleId :
VL0321ABL01

Tgt Ion: 95 Resp: 1568118

Ion	Ratio	Lower	Upper
95	100		
174	70.7	56.1	84.1
175	5.2	4.2	6.2